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25 September 1961

MEMORANDUM FOR: Acting Chief, DPD/DDP**ATTENTION** : Chief, Developments Branch**SUBJECT** : Mission 9023 Film Quality**REFERENCE** : AFICIN-1B2 Letter dated Sept 19, 1961, Subject: Questions on 9023 

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1. One of the questions posed in reference had to do with film quality. Since this is principally of concern to your office and logically is earmarked for  of Eastman Kodak the appropriate portions of reference are extracted for your action.

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"3. ACIC in a message to Hq USAF, Cite: ACT-0515/61-KH dated 15 Sept 1961, cited discrepancies in the quality of the film duplicates furnished on 9023. Listed below are comparisons of densitometric readings as taken from the average of all rolls supplied:

a. The average "base plus fog" density was 0.455. Average minimum density was 0.732. Average maximum density was 1.817. Average density range was 1.185.

b. Normally required density tolerances are: "base plus fog" 0.05 plus or minus 0.02; maximum density 1.50 plus or minus 0.20; minimum density 0.130 plus or minus 0.005; density range 1.20 plus or minus 0.10.

c. The percentage of rolls over the average densities is 46.5%.

d. The percentage of rolls over the normally required densities is 90.6%.

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e. Of the 43 rolls of material received, 85.1% contained one or more fogged negatives. Two rolls had a splice in the format of a negative. One roll was water marked and showed evidence of uneven development.

4. It is hoped that this information will be passed to the processing facility so that any adjustments necessary can be made towards improving the quality of duplicates on future missions."

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Operations Officer, NPIC

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(25 Sep 61)

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